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PATENT Docket No. 115.00260101

# THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:	Ioannis Pavlidis et al.	)	Group Art Unit:	2614
Serial No.: Confirmation	10/034,780 • No.: 1212	)	Examiner:	Unassigned
Filed:	Dec. 27, 2001 .	) ) )		

For:

METHOD FOR MONITORING A MOVING OBJECT AND SYSTEM

REGARDING SAME

RECEIVED

## INFORMATION DISCLOSURE STATEMENT

JUL 2 4 2002

**Technology** Center 2600

Assistant Commissioner for Patents P.O. Box 2327 Arlington, VA 22202

Sir:

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with C.F.R. §§ 1.97 *et. seq.*, the materials enclosed herewith are brought to the attention of the Examiner as possibly being of interest in connection with the above-identified patent application. Consideration of each of the documents listed on the attached 1449 forms is respectfully requested. Pursuant to the provisions of M.P.E.P. § 609, Applicants further request that a copy of the 1449 forms, marked as being considered and initialed by the Examiner, be returned with the next Official Communication.

Applicants also wish to bring the Examiner's attention to the following pending U.S. Applications, as well as any prior art and any provisional U.S. patent applications referenced therein. A copy of each of the below-listed pending U.S. Patent Applications is provided herewith.

#### **Information Disclosure Statement**

Applicants:

Ioannis Pavlidis et al.

Serial No.:

10/034,780

Confirmation No.: 1212 Filed:

Dec. 27, 2001

For:

METHOD FOR MONITORING A MOVING OBJECT AND SYSTEM REGARDING SAME

The Examiner is invited to contact Applicants' Representatives at the belowlisted telephone number, if they can be of any assistance during prosecution of the present application.

### CERTIFICATE UNDER 37 C.F.R. 1.8:

The undersigned hereby certifies that this paper is being deposited in the United States Postal Service, as first class mail, in an envelope addressed to: Assistant Commissioner for Patents, P.O. Box 2327, Arlington, VA 22202, on this 16th day of July, 2002.

16 Tuly 2002

Mark J. Gebhardt

Respectfully submitted for

## Ioannis Pavlidis et al.

By

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Page 3 of 3

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PATENT TRADEMARK OFFICE

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#### **Information Disclosure Statement**

Applicants:

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## List of Pending Non-Published U.S. Patent Applications

			Serial No. of Provisional
Applicant(s)	Application Filing Application to v		Application to which listed
	Number	Date	Application claims priority
Ioannis Pavlidis	10/034,696	12/27/01	60/302,020
Ioannis Pavlidis et al.	10/034,761	12/27/01	60/302,020

# **List of Patent Application Publications**

Applicant(s)	Patent Application Publication Number	Publication Date	

It is believed that no fee is due, as this Information Disclosure Statement is filed prior to the receipt of any Action on the merits. However, in the event a fee is due, please charge any fee or credit any overpayment to Account No. 13-4895.

INFORMATION	Atty. Docket No.: 115.00260101	<b>Serial No.:</b> 10/034,780		
DISCLOSURE	Applicant: Ioannis Pavlidis et al.	Confirmation No.: 1212		
STATEMENT	Filing Date: Dec. 27, 2001	<b>Group:</b> 2614		
10.1.6	Information Disclosure Statement mailed:	July <u>16</u> , 2002		

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U.S. PATENT DOCUMENTS

302	.07		WILLIAM TOTAL	OCCUMENTED			
Examine PA	DEMARK	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
		None			REC	FIVED	
					JUL 2	4 2002	

FOREIGN PATENT DOCUMENTS Technology Center 2600

Examiner Initial	_	Document Number	Date	Country	Class	Subclass	Trans Yes	lation No
21111141		None						

OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)

Examiner Initial	Document Description				
	Anderson et al., "Change detection and tracking using pyramid transform techniques," Intelligent Robots and Computer Vision: Proceedings of SPIE – The International Society for Optical Engineering, 1985; 579:72-78.				
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	Collins et al., "A system for video surveillance and monitoring: Vsam final report," <i>Tech. Rep. CMU-RI-TR-00-12</i> , Robotics Institute, Carnegie Mellon Univ., Pittsburgh, PA, 2000, 1-68.				
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\*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

OMB No. 0651-0011 Page 2 of 4

INFORMATION	Atty. Docket No.: 115.00260101	Serial No.: 10/034,780
DISCLOSURE	Applicant: Ioannis Pavlidis et al.	Confirmation No.: 1212
STATEMENT	Filing Date: Dec. 27, 2001	Group: 2614
JUL 2 2 2002 (5)	Information Disclosure Statement mailed:	July <u>[6</u> , 2002

Examiner CT	Document Description	
	Dempster et al., "Maximum likelihood from incomplete data via the <i>EM</i> algorithm (with discussion)," <i>Journal of the Royal Statistical Society B</i> , 1977; 39(1):1-38.	
	Elgammal et al., "Non-parametric model for background subtraction," <i>Computer Vision – ECCV 2000</i> , Vernon, ed., Springer-Verlag, Berlin Heidelberg, 751-767.	
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	Kanade et al., "Advances in cooperative multi-sensor video surveillance," Proceedings DARPA Image Understanding Workshop, 1998 Nov. 20-23; Monterey Cali., 3-24.	
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	Kanatani, Statistical Optimization for Geometric Computer Vision: Theory and Practice, 1996, Elsevier Science, Amsterdam, Netherlands, Cover page, Publication page, and Table of Contents only. (7 pgs.).	

EXAMINER	Date Considered			
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conformance and not considered. Include copy of this form with next communication to applicant.

	Thire		OMR No. OCC.
	INFORMATION	Atty. Docket No.: 115.00260101	OMB No. 0651-0011 Page 3 of 4
/	BISCLOSURE STATEMENT	Applicant: Ioannis Pavlidis et al.	Serial No.: 10/034,780
	JIII C	Filing Date: Dec. 27, 2001	Confirmation No.: 1212
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	Lee et al., "Monitoring activities from multiple video streams: Establishing a common coordinate frame," <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2000 Aug. 22(8),750,750
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INFORMATION DISCLOSURE STATEMENT		Atty Docket N	OMB No. 0651-00	
		Atty. Docket No.: 115.00260101	<b>Serial No.:</b> 10/034,780	
		Applicant: Ioannis Pavlidis et al.	Confirmation No.: 1212	
M		Filing Date: Dec. 27, 2001	Group: 2614	
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**EXAMINER Date Considered** 

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